

ABSTRACT**BEAM-STEERING DEVICE USING DISPLACEMENT OF EFFECTIVE
DIELECTRIC ROLLERS**

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The invention relates to a device for steering an electromagnetic beam (F_{inc}) comprising at least two superposed dielectric lenses (D_{11} , D_{12}), said device being characterized in that the dielectric lenses are of variable effective thicknesses, and in that at least one of the dielectric lenses is mobile in at
10 least one direction (y) substantially orthogonal to a plane (xOz) in which the electromagnetic beam is steered, and to an antenna comprising such a device. It relates also to a method for steering an electromagnetic beam.

Figure 1a

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